

DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.

TR/SRCA/18

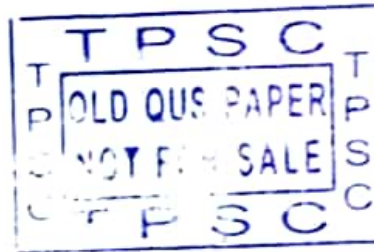
Test Booklet Series

**TEST BOOKLET
GENERAL ABILITY TEST**



(Signature of the Candidate)

(Invigilator's Signature)



Time Allowed – 2 hours (Two hours)

Maximum Marks – 100

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE SCREENING TEST, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.
3. This Test Booklet contains 100 items (questions). Each question carrying 1 (one) mark only, has four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses by Black Ball Point Pen only on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet.
7. After you have completed filling in responses on the Answer Sheet and the Screening Test is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take the Test Booklet with you.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
 - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (c) If a question is left blank, i.e. no answer is given by the candidate, there will be **no penalty** for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the answer sheet by using **Black Ball Point Pen** only as per example given below :

Example : The wheel in our National Flag has

- (A) 20 spokes (B) 24 spokes
(C) 30 spokes (D) 25 spokes

Answer : (A) ☒ (C) (D)



PART - I

- 'Bihu' is an important festival of
 - Manipur
 - Assam
 - Arunachal Pradesh
 - None of these
- What is the name of only floating national park in the world ?
 - Keibul Lamjao National Park
 - Kaziranga National Park
 - Shiroi Hill National Park
 - None of these
- What is the name of the capital of Meghalaya ?
 - Itanagar
 - Shillong
 - Ziro
 - None of these
- Hozagiri dance is associated with
 - Reang Community
 - Tripuri Community
 - Chakma Community
 - None of these
- Which disease is caused by Nickel ?
 - Itai Itai
 - Dermatitis
 - Learning Disability
 - Asthma
- Who is the author of the book 'Akhada : The authorized biography of Mahavir Singh Phogat' ?
 - Rabi Thapa
 - Saurabh Duggal
 - Salman Rushdie
 - Tana French

7. The scientist of Indian origin who received Nobel Prize for chemistry in 2009 is
- (A) Venkatraman Ramakrishnan
(B) Hargobinda Khorana
(C) J. V. Narlikar
(D) C. V. Raman
8. Pankaj Advani is associated with
- (A) Billiards
(B) Chess
(C) Police Service
(D) All of these
9. Aryabhatta was a famous of ancient India. (Choose the right word for the blank.)
- (A) Doctor
(B) Poet
(C) Physicist
(D) Mathematician
10. Who among the following is known as the Nightingale of India ?
- (A) M.S.Subbulakshmi
(B) Vijayalakshmi Pandit
(C) Sarojini Naidu
(D) Suraiya
11. Leonardo da Vinci, who is famous for his great painting 'Monalisa' was a painter from
- (A) England
(B) France
(C) Italy
(D) Germany
12. Davis cup is associated with which of the following games ?
- (A) Handball
(B) Volleyball
(C) Badminton
(D) Tennis
13. Red blood corpuscles are formed in
- (A) Heart
(B) Bone marrow
(C) Liver
(D) Kidney
14. The ' middle path' in religion was ascribed to
- (A) Sankara
(B) Buddha
(C) Mahavira
(D) None of these



15. The author of the famous play 'Mrichchakatika' was
- (A) Banabhatta
(B) Kalidas
(C) Sudraka
(D) Bhasa
16. Lothal is a part of excavation site of which civilization ?
- (A) Vedic Aryans
(B) Indus Valley
(C) Sumerians
(D) Mesopotamians
17. Which of the following is the oldest veda ?
- (A) Atharvaveda
(B) Samaveda
(C) Rigveda
(D) Yajurveda
18. Jama Masjid was built during the reign of
- (A) Shahjahan
(B) Sher Shah Suri
(C) Ala-ud-din-Khilji
(D) Aurangjeb
19. Which of the following bodies / entities recently started full fledged merchant banking operations to benefit the expanding number of growth oriented micro, small and medium enterprises ?
- (A) NABARD
(B) Bandhan Bank
(C) SIDBI
(D) IBA
20. Which of the following international company , in September 2017, launched a Unified Payment Interface based digital payment service called "Tez" ?
- (A) Amazon
(B) Google
(C) Microsoft
(D) Facebook
21. Prime Minister of which country attended the recently organized river festival 'Namami Brahmaputra' in India ?
- (A) Bhutan
(B) China
(C) Nepal
(D) Bangladesh



22. Who among the following has been awarded the 'Rajiv Gandhi Khel Ratna Award' for the year 2016 ?

- (A) Jitu Rai
- (B) Sania Mirza
- (C) Rohit Sharma
- (D) Babita Kumari

23. The only district of Tripura to have international border and border with two states of India is

- (A) Unakoti
- (B) Dhalai
- (C) North Tripura
- (D) Khowai

24. The National Institute of Mental Health and Neuro Sciences (NIMHANS) is located in which city ?

- (A) New Delhi
- (B) Kochi
- (C) Kolkata
- (D) Bengaluru

25. Who has been named Globe Soccer's best player of the year 2017 ?

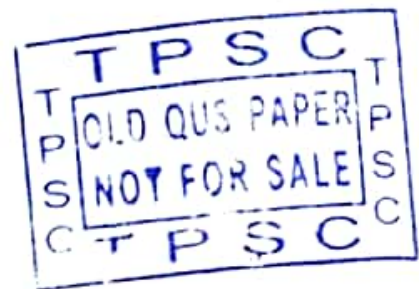
- (A) Radamel Falco
- (B) Lionel Messi
- (C) Frank Ribery
- (D) Cristiano Ronaldo

26. $(X+4)$ is a factor of which of the following expressions ?

- (A) $X^2 - 7X + 44$
- (B) $X^2 + 7X - 44$
- (C) $X^2 - 7X - 44$
- (D) $X^2 + 7X + 44$

27. What is the remainder when the number $(4444)^{4444}$ is divided by 9 ?

- (A) 4
- (B) 6
- (C) 7
- (D) 8



28. What number must be subtracted from both the numerator and the denominator of the fraction $\frac{27}{35}$ so that it becomes $\frac{2}{3}$?

- (A) 6
- (B) 8
- (C) 9
- (D) 11

29. A and B working together can finish a piece of work in 12 days while B alone can finish it in 30 days. In how many days can A alone finish the work ?

- (A) 18 days
- (B) 20 days
- (C) 24 days
- (D) 25 days

30. A 225 meter long train is running at a speed of 30km / hour. How much time does it take to cross a man running at 3km / hour in the same direction ?

- (A) 40 seconds
- (B) 30 seconds
- (C) 25 seconds
- (D) 15 seconds

31. The area of two circular fields are in the ratio 16:49. If the radius of the bigger field is 14 meter, then what is the radius of the smaller field ?

- (A) 4 meter
- (B) 8 meter
- (C) 9 meter
- (D) 10 meter

32. A copper wire when bent in the form of square encloses an area of 121cm^2 . If the same wire is bent in the form of a circle, it encloses an area equal to

- (A) 121 cm^2
- (B) 144 cm^2
- (C) 154 cm^2
- (D) 168 cm^2

33. What will be next number in the following number series ?

2 6 15 31 56 ?

- (A) 80
- (B) 84
- (C) 92
- (D) 120

34. Select the odd letters from the given alternatives.

- (A) BOH
- (B) ERK
- (C) HUO
- (D) KXQ



35. Four - fifth of a number is greater than three - fourth of that number by 4. The number is

- (A) 48
- (B) 120
- (C) 80
- (D) 16

36. The position of Raju 13th from the top and 21st from the bottom. Total how many students are there in the class ?

- (A) 34
- (B) 32
- (C) 35
- (D) None of these

37. The man introduced a woman as "her husband is the only son of my mother". How is the man related to the woman?

- (A) Brother-in-law
- (B) Father
- (C) Husband
- (D) Uncle

38. How is C related to Q if R, the only daughter of Q, is married to C?

- (A) Father-in-law
- (B) Son
- (C) Son-in-law
- (D) Data inadequate

39. The sum of the interior angles of a quadrilateral is :

- (A) 180°
- (B) 120°
- (C) 300°
- (D) 360°

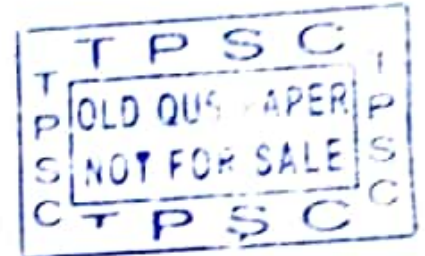
40. A long rope is to be cut to make 25 small pieces. If it is double folded to start with, how many times does it need to be cut?

- (A) 12
- (B) 11
- (C) 13
- (D) 10



PART - II

41. IC is made up of
(A) Transistors
(B) Microprocessors
(C) Silicon
(D) Both (A) and (B) above
42. Which of the following is the fastest type of computer ?
(A) Laptop
(B) Notebook
(C) Personal Computer
(D) Super Computer
43. A hybrid computer is the one having the combined properties of
(A) Super and micro computers
(B) Analog and digital computers
(C) Mini and micro computers
(D) Super and mini computers
44. A computer cannot perform which of the following functions ?
(A) Addition
(B) Subtraction
(C) Bake and cake
(D) Division
45. Which was the first electronic computer constructed at the Moore school of
(A) ENIAC
(B) EDVAC
(C) UNIVAC
(D) ADSAC ?
46. Arithmetic logic unit and control unit sections have special purpose locations called
(A) RAM
(B) Registers
(C) ROM
(D) BIOS
47. The control unit controls other units by generating
(A) Control signal
(B) Timing signal
(C) Transfer signal
(D) Command signal
48. Which is not an integral part of computer ?
(A) CPU
(B) MOUSE
(C) MONITOR
(D) UPS



49. Which of the following groups consists of only input devices ?
- (A) Mouse, Keyboard, Monitor
 - (B) Mouse, Keyboard, Printer
 - (C) Mouse, Keyboard, Plotter
 - (D) Mouse, Keyboard, Scanner
50. What type of devices are computer speakers or headphones ?
- (A) Input
 - (B) Input /Output
 - (C) Software
 - (D) Output
51. The _____ may also be called the screen or monitor. (Choose the correct option for the blank.)
- (A) Printer
 - (B) Display
 - (C) Scanner
 - (D) Hard disk
52. The input device to be used to get a printed diagram into a computer is the
- (A) Scanner
 - (B) Printer
 - (C) Touchpad
 - (D) Keyboard
53. The primary device that a computer uses to store information is
- (A) TV
 - (B) Store house
 - (C) Desk
 - (D) Hard drive
54. Which of the following memory chip is faster ?
- (A) There is no certainty
 - (B) DRAM
 - (C) SRAM
 - (D) RAM
55. Full form of MB is
- (A) Microbytes
 - (B) Megabytes
 - (C) Minibytes
 - (D) Millibytes
56. Which of the following is the smallest measure of storage ?
- (A) Terrabyte
 - (B) Gigabyte
 - (C) Megabyte
 - (D) Byte



57. DVD refers to

- (A) Digital video developer
- (B) Digital video device
- (C) Digital video Disk
- (D) Digital video display

58. Which type of memory gets lost when you SWITCH OFF ?

- (A) ROM
- (B) RAM
- (C) Cache
- (D) Static

59. Value of binary number $(1101)_2$ in decimal is ?

- (A) 11
- (B) 23
- (C) 13
- (D) None of these

60. Expansion cards are inserted into

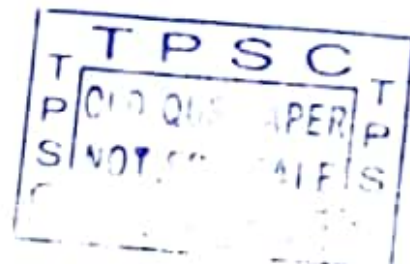
- (A) Slots
- (B) Peripheral devices
- (C) CPU
- (D) The Back of the computer

61. Which of the following is not a binary number ?

- (A) 001
- (B) 101
- (C) 202
- (D) 110

62. Decimal equivalent of $(1111)_2$ is

- (A) 11
- (B) 10
- (C) 1
- (D) 15



63. Conversion of decimal number $(61)_{10}$ to its binary number equivalent is

- (A) $(110011)_2$
- (B) $(11001110)_2$
- (C) $(111101)_2$
- (D) $(11111)_2$

64. ASCII stands for

- (A) American special computer for information interaction
- (B) American standard code for information interchange
- (C) American standard code for information interaction
- (D) American special code for information interchange

65. The digits of the binary system are called

- (A) Bytes
- (B) Bits
- (C) Nibbles
- (D) Number

66. The _____ tells the computer how to use its components. (Choose the correct option for the blank.)

- (A) Utility
- (B) Application
- (C) Operating System
- (D) Network

67. A computer cannot boot if it does not have

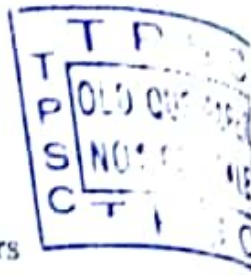
- (A) Compiler
- (B) Loader
- (C) Operating system
- (D) Assembler

68. Text editor is a / an

- (A) Application software
- (B) System software
- (C) Utility software
- (D) All purpose software

69. The software that is used to create text based documents are referred to as

- (A) DBMS
- (B) Suites
- (C) Spreadsheets
- (D) Word processors



70. What does the acronym BIOS stands for ?

- (A) Basic Input output system
- (B) Basic internal output system
- (C) Basic inner output system
- (D) Basic input output systemization

71. In MS-DOS, which of the following commands is used to delete directory with all subdirectory and files ?

- (A) Delete
- (B) Del
- (C) Deltree
- (D) Move

72. Which of the following is not a mobile operating system ?

- (A) Android
- (B) Safari
- (C) Symbian
- (D) iOS

73. What is LINUX?

- (A) Input device
- (B) Storage device
- (C) Operating system
- (D) Processor

74. Which one of the following is an MS-DOS external command?

- (A) DIR
- (B) COPY
- (C) FORMAT
- (D) PROMPT

75. Usually in MS-DOS the primary hard disk drives has the drive letter

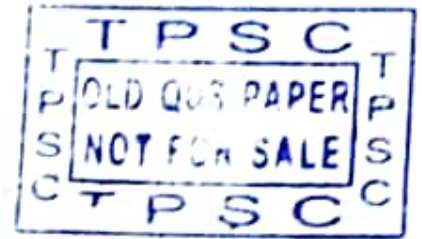
- (A) A
- (B) B
- (C) C
- (D) D

76. The OS software and data the computer is currently using are stored in

- (A) PC
- (B) ACP
- (C) USB
- (D) RAM

77. LISP is designed for

- (A) Artificial intelligence
- (B) GUI
- (C) CUI
- (D) Transistor



78. FORTRAN stands for

- (A) Formal Translation
- (B) Formative Translation
- (C) Formula Transaction
- (D) Formula Translation

79. A step by step procedures for accomplishing a task is known as

- (A) Algorithm
- (B) Software
- (C) Hardware Program
- (D) None of the above

80. Which of the following is not a computer language?

- (A) BASIC
- (B) COBOL
- (C) LOTUS
- (D) FORTRAN

81. When you cut or paste information it gets place in the (Choose the correct option for the blank.)

- (A) Clipart
- (B) Clipboard
- (C) Motherboard
- (D) Both (A) and (B) above

82. End menu is available at which button ?

- (A) END
- (B) START
- (C) TURN OFF
- (D) RESTART

83. Which of the following keys is used to delete characters to the left of the cursor ?

- (A) Alt+Delete
- (B) Shift
- (C) Esc
- (D) Backspace

84. What is windows explorer ?

- (A) Personal Computer
- (B) Network
- (C) File Manager
- (D) Web browser

85. Which of the following key can be used to rename a folder in Microsoft windows 8 and higher versions ?

- (A) F2
- (B) F4
- (C) F6
- (D) F9



86. What is the short cut key for centering the text selected by the user in word ?

- (A) Ctrl + A
- (B) Ctrl + E
- (C) Ctrl + C
- (D) Ctrl + B

87. A word processor would be used best to

- (A) paint a picture
- (B) draw a diagram
- (C) type a story
- (D) work out income and expenses

88. The short cut key to print document is

- (A) Ctrl + D
- (B) Ctrl + A
- (C) Ctrl + P
- (D) Ctrl + C

89. $= \text{SUM}(B1 : B8)$ is an example of a
- (A) Function
 - (B) Formula
 - (C) Cell address
 - (D) Value
90. How are the data organized in a spreadsheet ?
- (A) Lines and spaces
 - (B) Layers and planes
 - (C) Height and width
 - (D) Rows and columns
91. The basic unit of a work sheet into which you enter data in Excel is called a
- (A) Tab
 - (B) Cell
 - (C) Box
 - (D) Range
92. Which of the following is not valid formula in MS Excel ?
- (A) $= A2+A1$
 - (B) $= A2+1$
 - (C) $= 1+A2$
 - (D) $= 1A+2$
93. The function TODAY() in Excel, enters
- (A) System time in a cell
 - (B) System date and time in a cell
 - (C) System date only
 - (D) Time at which current file was opened
94. How many layers are in the TCP / IP model ?
- (A) 4
 - (B) 5
 - (C) 6
 - (D) 7
- 
95. An http request contains _____ part / parts. (Choose the correct option for the blank.)
- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
96. To protect yourself from computer hacker intrusions you should install a
- (A) Firewall
 - (B) Mailer
 - (C) Macro
 - (D) Script

97. Telnet is a

- (A) Search engine
- (B) Browser
- (C) Protocol
- (D) Gateway

98. How many lines are required to transmit 8 bits simultaneously over a bus ?

- (A) 1 line
- (B) 4 lines
- (C) 8 lines
- (D) 16 lines

99. The particular field of a record that uniquely identifies each record is called the

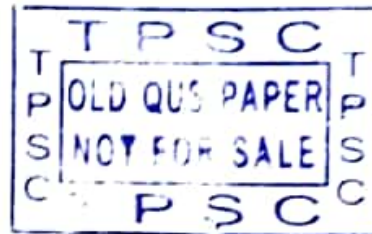
- (A) Key field
- (B) Primary field
- (C) Master field
- (D) Order field

100. In ER Diagram, relationship type is represented by

- (A) Ellipse
- (B) Dashed ellipse
- (C) Rectangle
- (D) Diamond



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